

Spray Applied Waterproofing Membrane Material Properties

PROPERTY	TEST	REQUIREMENTS
Solids Content		100%
Stability	ASTM C836	≥ 6 months
Crack Bridging (Neat Material + Aggregated Keycoat)	ASTM C1305*	Pass, no cracking
Extensibility after Heat Aging	ASTM C1522	For information only
Percent Elongation at Break	ASTM D638	≥ 130%
Tensile Strength	ASTM D638 Type IV @ 2 in/min	> 1,100 psi
Shore Hardness	ASTM D2240**	≥ 50 Type 00
Minimum Thickness (Membrane only)	ASTM D6132 or other approved method	≥ 80 mils minimum measured over peaks or ≥ thickness used to pass ASTM C1305 (Whichever thickness is greater)
Membrane Waterproofing System Adhesion to Concrete	ASTM D7234	≥ 100 psi minimum and failure in concrete
Water Vapor Transmission – Permeance	ASTM E96 Water Method Procedure B	≤ 1.0 perms [grains / (hr·ft ² ·in. Hg)]
Notes: * ASTM C1305 shall be modified to 25 cycles at -15°F no failure at 1/8 inch per hour. ** ASTM D2240 shall be modified in accordance with ASTM C836 Section 6.5.		